Data Manager® 2000 version 3.0
Enhancements are just one ingredient for your machinery management success

Data Manager 2000 (DM2000) is Bently Nevada's on-line software for continuous data acquisition and display of machinery condition information from critical machinery. This type of machinery is generally also fitted with our 3300 or 3500 Machinery Protection Systems. As more and more customers obtain the substantial economic benefits that come from use of a machinery management system, the demand for DM2000 grows.

How significant is that demand? We have over 1000 of these on-line systems installed worldwide. With that many systems installed, and dozens more being added each month, Bently Nevada has learned what it takes for customers to derive real value from our machinery management solutions. We've summarized these into three simple lessons we'd like to share with you:

1. Data is not enough – information is essential
Data Manager® 2000 is inherently a data-gathering system. It does this task very capably. However, it still requires skilled people to review plots and data and to decide what this means regarding each machine's condition. That's why we'd like to remind you once again: our machinery management capabilities don't end with data acquisition. We can also turn this data into *actionable information*™ – intelligent advisories
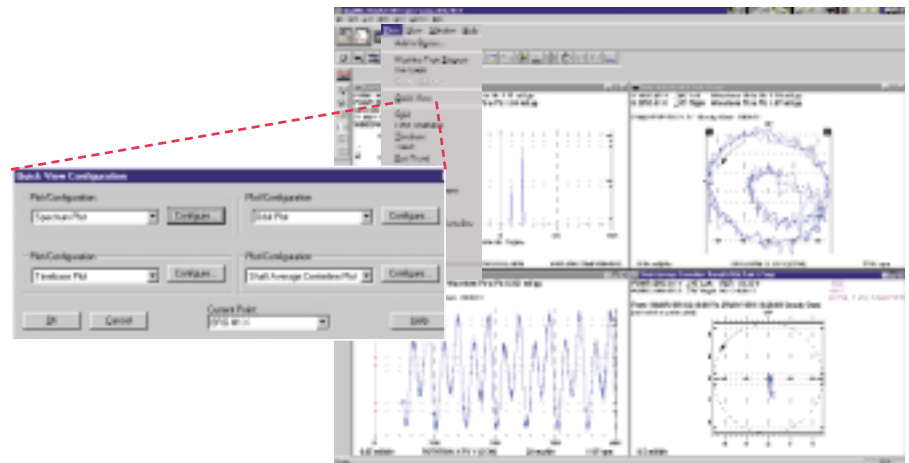

Figure 1. Version 3.0's "Quick View" option lets you easily select and configure plots.

on your machine's condition – and provide recommended corrective actions via our Machine Condition Manager™ 2000 software. Many of our Data Manager 2000 customers have already made the transition from managing data to delivering actionable information to their operators, management personnel, and maintenance personnel. Talk to us about this important competitive advantage that you may be missing.

2. Proper configuration is essential
While our software is easy to use, much of its power lies in its flexibility and configurability. Fine-tuning the configuration, so that alarm levels and other system features alert you at just the right time, is what we refer to as *optimizing* the configuration. Experience has shown time and time again that those users with opti-

mized systems derive more value from and experience faster payback of their initial investment in the system. Most of those users with optimized systems share a common trait – they've used Bently Nevada's engineering services to provide this optimization.

3. Enhancements are essential
Software technology evolves rapidly, and so does our understanding of how to improve our products so that they are even easier to use and more powerful. Beginning this year, Bently Nevada software will be updated more frequently. For most of our software platforms, this means a minimum of two updated versions each year. In the remainder of this article, we've highlighted the improvements you'll find in Data Manager 2000 version 3.0.
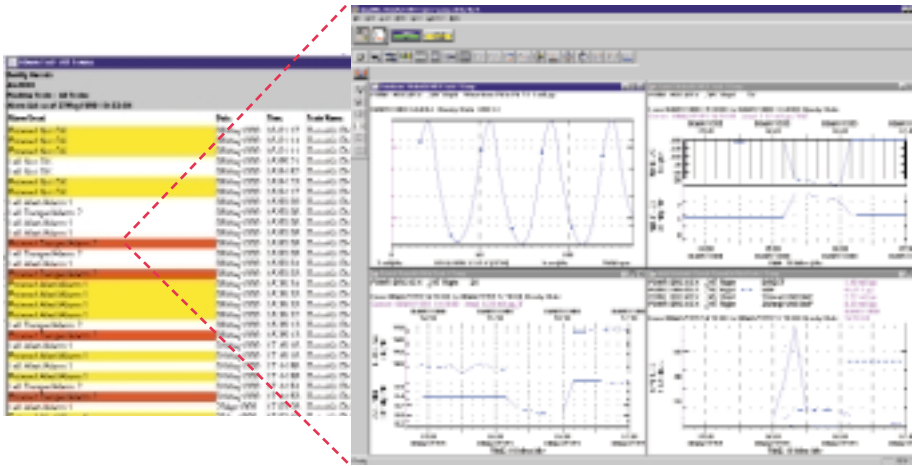
Figure 2. Clicking on an entry automatically launches specific plot types, saving time.

Better integration via OPC

This new version of DM2000 provides an *OPC Client* add-on module, to import process data. This allows any product that can act as an OPC Server, such as process control systems or historians, to serve process data to DM2000. Also, look for an OPC Server in the near future, which will allow the export of DM2000 static data.

Configurable "Quick View" option

To quickly assess key data, DM2000 can launch multiple plot types for a selected point with a single mouse-click. In the past, these plot types were fixed. With Version 3.0, however, you can select and configure which plots you want to launch when you select "Quick View" (Figure 1).

Plot launch from an alarm entry

Simply clicking on an entry in the active alarm list will now launch specific plot types, saving you keystrokes and time (Figure 2).

Configurable toolbar

Managing machinery often involves switching between related applications. With Data Manager 2000 version 3.0, you can assign actions, such as launch-ing a third party program, to buttons on the toolbar (Figure 3).

More data labeling options

This new version of the software enables you to label Shaft Centerline, Acceptance Region, Trend, Multi-variable, and X versus Y plots in three ways: by *sample number*, rpm, or by date/time.

Enhanced Multi-user support

While DM2000 has always provided network support between data acquisition and display computers, or for exporting and importing data, it now supports a "true" network model for both display and configuration programs. These applications can now reside on a single, centralized server instead of on an individual user's hard drive. This enhancement provides a more efficient model for large systems and allows the customer's Information Services department to more easily

maintain the network and the application.

More flexible trending

A *higher resolution trend interval* is now provided for up to 50 points in each system, allowing you to watch the behavior of important data even more closely.

More flexible alarming

Using DM2000 version 3.0 software, you can enable or disable software alarms *manually or automatically* during startup and shutdown events, which prevents spurious alarms.

More value with a Software Support Plan

These are just some of the significant enhancements we provided in Version 3.0. If you are an existing user of DM2000 with a software Technical Support Plan, you have already been advised of Version 3.0 and your eligibility to upgrade for free. If you're not currently enrolled in our software support plan for DM2000, you are missing out on free upgrades, just one of the many benefits you will receive. With several enhancement releases each year, the price of a Technical Support Plan is an excellent investment that has very tangible benefits.

For more information regarding this newest release of Data Manager 2000, or to learn more about our software Technical Support Plans, contact your nearest Bently Nevada sales or service professional. ↺

Figure 3. The enhanced toolbar lets you assign actions (such as launching third party software) to toolbar buttons.